

IN THE CLAIMS

The claims are as follows:

12. (Previously Presented) A communication system comprising:

a base station; and

a communication device for communicating with said base station; said communication device including an amplifier which outputs a signal having a frequency value; wherein a power of said communication device is varied in dependence of said frequency value by controlling a DC/DC converter, the control input value of which is exclusively controlled in dependence of said frequency value, to vary an electrical supply of the amplifier.

13. (Original) The communication system of claim 12, wherein said communication device include a memory which stores data for controlling said power.

14. (Original) The communication system of Claim 12, further comprising a comparator for comparing a level of said signal with a desired signal level.

15. (Original) The communication system of claim 14, wherein said desired signal level is provided by said base station.

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16. (Previously Presented) A communication device comprising an amplifier which outputs a signal having a frequency value; wherein a power of said communication device is varied in dependence of said frequency value by controlling a DC/DC converter, the control input value of which is exclusively controlled in dependence of said frequency value, to vary an electrical supply of the amplifier.

17. (Original) The communication device of claim 16, further comprising a memory which stores data for controlling said power.

18. (Original) The communication device of claim 16, further comprising a comparator for comparing a level of said signal with a desired signal level.

19. (Original) The communication device of claim 18, wherein said desired signal level is provided by a communication apparatus that communicates with said communication device.

20. (Previously Presented) A method for controlling a power of a communication device comprising:

amplifying a signal having a frequency value; and

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varying said power in dependence of said frequency by controlling a DC/DC converter, the control input value of which is exclusively controlled in dependence of said frequency value, to vary an electrical supply.

21. (Original) The method of Claim 20, further comprising storing data for controlling said power in a memory.

22. (Original) The method of Claim 20, further comprising a level of said signal with a desired signal level.

23. (Original) The method of claim 22, further comprising providing said desired signal level by a communication apparatus that communications with said communication device.